

and child counselors to marriage and family therapists.)

- Assigning academic or licensing titles that carry prestige beyond the holder's competence (for example, a proposal to license *doctors* of mental health; the term "doctor" connoting the highest level of expertise).

- Mandating reimbursement rates for services at parity with payment for physicians, connoting parity of quality of services and equal competence of providers.

- Enlarging the programs for payment of services to include limited-license practitioners not previously covered; for example, extending crippled children's coverage to providers previously covered only by Medicaid.

- Elevating training standards and requirements, followed by demand for expanded license authority.

- Development of and participation in health manpower pilot projects, the almost inevitable result of which will be a demand for expanded scope of practice or an enhanced role in health care delivery.

- Development of "career ladder" programs, the climbers seeking expanded scopes of practices as they perceive success in mounting the projected ladder.

- Modification or lowering of license requirements whereby persons previously unable to meet licensing or examination standards now qualify for licensure.

Medicine must keep itself continually aware of the indirect means by which limited-license practitioners may seek to enhance their role in health care, and should oppose any legislation and regulation which attempts to do so inappropriately.

Refer to: Werner SB: Sources of supply of selected immunobiologics: 1982 (Information). West J Med 1982 Nov; 137: 468-470

Information

Sources of Supply of Selected Immunobiologics: 1982

S. BENSON WERNER, MD
Berkeley, California

INFORMATION on the availability and sources of new or infrequently used immunobiologics can be hard to obtain. Private practitioners and public health departments in California and elsewhere in the western states occasionally call the Infectious Disease Section of the California Department of Health Services in their search for these immunobiologics. We last published information about rarely used biologics in the February 1979 issue

From the Infectious Disease Section, California Department of Health Services, Berkeley.

Submitted August 9, 1982.

Reprint requests to: S. Benson Werner, MD, Infectious Disease Section, California Department of Health Services, 2151 Berkeley Way, Berkeley, CA 94704.

of THE WESTERN JOURNAL OF MEDICINE. As there have been so many changes since then, updated information is called for.

As we stated before, we may not have identified *all* producers of the materials listed but we have made an exhaustive effort before stating that an immunobiologic material is "not available." This writer would appreciate, however, any corrections or additions that are now known, or become known, so that the list can be kept up-to-date.

We emphasize that the California Department of Health Services in no way endorses the products or manufacturers that are mentioned, nor do we necessarily recommend that any of these products be used. Staff members of the state's Infectious Disease Section remain available for consultation on these biologics and their use ([415] 540-2566).

SKIN TEST ANTIGENS

Blastomycosis*

Not available.

Brucellergen (brucellosis*)

Not available.

Cat scratch fever

Unlicensed antigen, available only by special arrangement with S. S. Kalter, PhD, Southwest Foundation for Research and Education, P.O. Box 2296, San Antonio, TX 76902, (512) 674-1410.

Coccidioidin*

1. Berkeley Biologicals, 1831 Second Street, Berkeley, CA 94710, (415) 843-6846 (for Spherulin).

INFORMATION

2. Iatric Corp., 2330 South Industrial Park Drive, Tempe, AZ 85282-1893, (602) 966-7248.

Diphtheria toxin (Schick Test)

Massachusetts Public Health Biologic Laboratories, 375 South Street, Boston, MA 02130, (617) 522-3700.

Echinococcin* (Casoni)

Tropical Disease Lab, 1617 HSW, University of California Medical Center, San Francisco, CA 94143, (415) 666-2166, 666-2167, or 666-2510.

Filariasis*

Not available.

Histoplasmin*

1. Parke-Davis, 201 Tabor Road, Morris Plains, NJ 07950, (201) 540-2117, 540-4241, or 540-4243.

2. Berkeley Biologicals, 1831 Second Street, Berkeley, CA 94710, (415) 843-6846.

Kveim (Sarcoid)

Ph. Leuenberger, MD, Division de pneumologie, CHUV, 1011 Lausanne, Switzerland.

Leishmaniasis*

Not available.

Lepromin (leprosy)

Not available.

Lymphogranuloma venereum (Frei test)*

Not available.

Mumps*

Eli Lilly and Co., Indianapolis, IN 46206, (317) 261-3377.

Scarlet fever toxin (Dick test)

Not available.

Schistosomiasis*

Not available.

Toxoplasmosis*

Not available.

Trichinella*

Not available.

Tularemia*

Not available.

VACCINES

Anthrax

Prepared by Michigan Department of Public Health Laboratories, Lansing, MI 48909, (517) 373-1290, and available to MD's from Division of Host Factors, CID, CDC (404) 329-3356, or the Michigan Department of Public Health Laboratories.

BCG (bacillus Calmette-Guérin)

Prepared by Glaxo Operations, U.K., Limited, Greenford, Middlesex, England and distributed by Glaxo Inc., 1900 West Commercial Boulevard, Ft. Lauderdale, FL 33309, (305) 776-5300.

Hepatitis B

Merck, Sharp & Dohme, West Point, PA 19486, (215) 661-5000.

Meningococcus

1. Tetraivalent (A/C/Y/W-135) vaccine prepared by Connaught Laboratories, Inc., Swiftwater, PA 18370 and distributed by Elkins-Sinn, Inc., 2 Esterbrook

Lane, Cherry Hill, NJ 08034, (609) 424-3700 or (800) 257-8349.

2. Bivalent (AC) vaccine by Merck, Sharp & Dohme, West Point, PA 19486, (215) 661-5000.

Plague

Cutter Laboratories, 4th and Parker Streets, Berkeley, CA 94710, (415) 420-4000 or (800) 352-5495.

Polio, inactivated (Salk)

Connaught Laboratories Limited, Ontario, Canada and distributed by Elkins-Sinn, Inc., 2 Esterbrook Lane, Cherry Hill, NJ 08034, (609) 424-3700 or (800) 257-8349.

Rabies, duck embryo vaccine (DEV)

Not available.

Rabies, human diploid cell strain (HDCS) origin

Merieux Institute, 1200 NW 78th Avenue, Suite 109, Miami, FL 33126, (800) 327-2842.

Rocky Mountain Spotted Fever

Not available.

Typhus

Not available.

Yellow Fever

Connaught Laboratories, Inc., Swiftwater, PA 18370, and distributed by A. H. Robins, Inc., 7500 Darby Town Road, Richmond, VA 23231, (800) 446-9824 to State-registered Yellow Fever Vaccination Centers authorized to purchase vaccine.

ANTITOXINS AND IMMUNOGLOBULINS

Botulism antitoxin (equine) (Trivalent ABE)

Connaught Laboratories Limited, Ontario, Canada. Available from California Department of Health Services, Infectious Disease Section, by supply from Division of Host Factors, CID, CDC. There are also emergency stockpiles stored at Foreign Quarantine stations in the USA which may be released on notifying the Division of Bacterial Diseases, Center for Infectious Diseases, CDC. The day number is (404) 329-3553 and the night and holiday number is (404) 329-2888.

(Bivalent AB)

Not available.

Diphtheria antitoxin (equine)

1. Connaught Laboratories, Inc., Swiftwater, PA 18370 and distributed by Elkins-Sinn, Inc., 2 Esterbrook Lane, Cherry Hill, NJ 08034, (604) 424-3700 or (800) 257-8349.
2. Michigan Department of Public Health Laboratories, Lansing, MI 48909, (517) 373-1290.
3. Sclavo, Inc., 5 Mansard Court, Wayne, NJ 07470, (201) 696-8300 or (800) 526-5260. There are emergency stockpiles stored at Foreign Quarantine stations in the USA that can be released by calling the Division of Immunization, CDC (404) 329-3091 daytimes and (404) 329-2888 nights and holidays.

Gas gangrene, polyvalent

Not available.

Hepatitis B immune globulin (HBIG), human

1. Abbott Laboratories, Abbott Park, North Chicago, IL 60064, (800) 323-9100.
2. Alpha Therapeutic Corp., 5555 Valley Boulevard, Los Angeles, CA 90032, (213) 440-0800.

*Serologic tests are also available (through local or state health department laboratories).

INFORMATION

3. Cutter Laboratories, 4th and Parker Streets, Berkeley, CA 94710, (415) 420-4000 or (800) 352-5495.
4. Merck, Sharp & Dohme, West Point, PA 19486, (215) 661-5000 or (215) 661-5962.

Mumps immune globulin Not available.

Rabies immune globulin (RIG), *human origin*

1. Cutter Laboratories, San Lorenzo, CA (415) 276-8200 or (800) 352-5495.
2. Seralc Corporation, Miami, FL, and distributed by Merieux Institute, 1200 NW 78th Avenue, Suite 109, Miami, FL 33126, (800) 327-2842.

Snake antivenin, (*equine*) rattlesnake, copperhead and moccasin

Wyeth Laboratories, Wasp and Biddle Streets, Marietta, PA 17547, (717) 426-1941.

Snake antivenin, (*equine*) North American coral snake

Wyeth Laboratories, Wasp and Biddle Streets, Marietta, PA 17547, (717) 426-1941.

Spider antivenin, (*equine*) black widow spider

Merck, Sharp & Dohme, West Point, PA 19486, (215) 661-5000.

Staphylococcal antitoxin Not available.

Tetanus immune globulin

1. Alpha Therapeutic Corporation, 5555 Valley Boulevard, Los Angeles, CA 90032, (213) 440-0800.
2. Cutter Laboratories, 4th and Parker Streets, Berkeley, CA 94710, (415) 420-4000 or (800) 352-5495.
3. Hyland Therapeutics Division, Travenol Laboratories, Inc., 444 West Glenoaks Boulevard, Glendale, CA 91202, (213) 956-3200 and distributed by their Customer Operations Department, One Baxter Parkway, Deerfield, IL 60015, (312) 480-5057.
4. Wyeth Laboratories, Wasp and Biddle Streets, Marietta, PA 17547, (717) 426-1941.

Vaccinia immune globulin (VIG)

Hyland Therapeutics Division, Travenol Laboratories, Inc., 444 West Glenoaks Boulevard, Glendale, CA 91202, (213) 956-3200, ext. 5470.

Varicella-zoster immune globulin (VZIG)

Massachusetts Public Health Biologic Laboratories, 375 South Street, Boston, MA 02130, (617) 522-3700 and distributed in Massachusetts by the producer, and elsewhere in the United States and Canada by the American Red Cross Blood Services-Northeast Region, through 18 regional blood centers. For information on the center serving your area, call (617) 731-2130 or (617) 734-4430, 24 hours/day.